

ance with peculiarities of function, and that these are dependent mainly on differences of detail of structure.

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June 19.

The Lord Bishop of Norwich, President, in the Chair.

Frederick Gould, Esq., was elected a Fellow.

Read "Descriptions of seventeen new species of the Coleopterous family *Paussidæ*." By J. O. Westwood, Esq., F.L.S. &c.

Genus CERAPTERUS, Swed.

Subgenus ORTHOPTERUS.

*Cerapterus (Orthopterus) La Fertei*, Westw.

*C. piceo-castaneus nitidus lævis*, pronoto magis fulvescenti-castaneo, elytris nigro-castaneis tenuissime punctatis: singulo plaga longitudinali per dimidium posticum suturæ extensa ad apicem recurva et cum margine externo parallela fulva; pronoto linea impressa media; disco haud setoso, pedibus rufo-castaneis.—Long. corp. lin. 6.

*Hab.* in Africa occidentali tropica apud "Rio Grande," inter Gambiam et Sierram Leonam.

In Mus. D. La Fertei.

*Obs.* The club of the antennæ is  $2\frac{1}{3}$ rd longer than broad; the terminal joint is equal in length to the ninth, eighth, seventh, and  $\frac{1}{3}$ rd of the sixth joints.

*Cerapterus (Orthopterus) concolor*, Westw.

*C. totus obscure castaneus nitidissimus*, elytris magis nigricantibus; pronoto linea media longitudinali vix distincta; elytris basi et lateribus punctis setiferis instructis; disco magis evidenter punctato, tibiis rufo-castaneis.—Long. corp. lin. 6.

*Hab.* apud Portum Natalensem Africæ meridionalis.

In Muss. Brit. et Fortnum.

*Obs.* The club of the antennæ is  $2\frac{1}{3}$ rd times longer than broad; the seven intermediate joints are of equal breadth, the last joint is rather convex, and as long as the ninth, eighth, seventh, and half of the sixth united.

It is impossible, without a comparison with Mr. W. S. MacLeay's original specimen of *C. Smithii*, to determine whether this

species may not prove a concolorous variety of that insect. Judging from the description and figure of the antennæ however, this supposition appears very doubtful.

Subgenus ARTHROPTERUS.

*Cerapterus (Arthropterus) denudatus*, Westw.

*C. piceo-castaneus* subnitidus tenuissime punctatus, elytris magis nitidis, antennis angustis planis; articulo ultimo duobus præcedentibus longitudine æquali, capitis angulis posticis porrectis, prothorace capite paullo angustiori supra subdepresso truncato-cordato linea media impressa, pedibus subangustis; tibiis omnibus angulo externo apicali acuto.—Long. corp. lin. 6.

*Hab.* in Nova Hollandia, ad ripas fluvii "Mundarra" dicti.  
In Mus. F. Bond.

*Cerapterus (Arthropterus) Wilsoni*, Westw.

*C. totus castaneus* nitidus, capite parvo punctato et inter oculos bi-impresso: angulis posticis vix ultra oculos lateraliter porrectis, antennarum clava subangusta sub lente tenuissime granulata; articulo 3tio clavæ latiori: ultimo angustiori longitudine vix tribus præcedentibus æquali, pronoto subquadrato punctato: angulis anticis rotundatis: disco haud longitudinaliter sulcato; elytris elongatis tenuissime punctatis: punctis ad basin majoribus castaneis; sutura magis fulvescenti, pedibus angustis; tibiis vix tarsis duplo latioribus.—Long. corp. lin. 7.

*Hab.* in Novæ Hollandiæ Adelaide, D. Wilson. In Mus. Westw.

*Cerapterus (Arthropterus) subsulcatus*, Westw.

*C. totus castaneus*, capite punctato inter oculos haud impresso: angulis posticis pone oculos valde porrectis, antennis tenuissime punctatis clava sensim a basi ad articulum ultimum latiori; articulo ultimo sexta parte latiori quam longo tribusque articulis præcedentibus longitudine sub-æquali, pronoto punctato cordato-truncato: sulco longitudinali medio fere omnino oblitterato, elytris longitudinaliter subsulcatis vix punctatis: disco setis brevissimis pauciter instructo basi longius setosis, tibiis tarsis plus duplo latioribus basi angustioribus apice externo præsertim in pedibus anticis acutis.—Long. corp. lin. 5½.

*Hab.* in Nova Hollandia, King George's Sound. In Mus. D. Parry.

Subgenus PLEUROPTERUS.

*Cerapterus (Pleuropterus) alternans*.

*C. rufus*, elytris magis fulvis: singulo plagis duabus latis nigris postice conjunctis, opacus fere lævis, capite brevi; vertice antice longitudinaliter impresso punctisque duobus impressis intra partem oculorum posticam, antennis fere planis; clava e basi ad apicem sensim angustata: articulo basali postice in lobum rotundatum producto, pronoto transverso: angulis anticis rotundatis: posticis valde incisis: inter angulos posticos

tuberculis duobus rotundatis instructo; disco valde irregulari sulco profundo longitudinali; elytrorum humeris elevatis: disco singuli 4-costato, pedibus longis gracilibus.—Long. corp. lin. 4.

*Hab.* in Mozambique et apud Portum Natalensem.

In Mus. Melly (e Mus. Berol. cum nomine supra indicato transmissus) et Mus. D. Fortnum.

*Ceraapterus (Pleuropterus) hastatus.*

*C. piceus* tenuissime punctatus pubescens, elytris subopacis, capite antice sulcato, antennis magis quam in specie præcedenti regularibus et supra nonnihil concavis; articulo basali clavæ extus in tuberculum obtusum intus sinuatum producto: articulis reliquis longitudine fere æqualibus: ultimo rotundato, pronoto breviter cordato-truncato: angulis anticis valde obtusis posticis valde incisus utrinque inter angulos posticos tuberculo elevato instructo; elytris obscure piceis basi costatis: singulo macula prope basin altera pone medium cum macula suturali connexa margineque postico fulvis, pedibus gracilibus.—Long. corp. lin. 5.

*C. (P.) Westermanni* affinis, at latior, magis pubescens, antennis et prothorace aliter formatis.

*Hab.* in Mozambique. In Mus. D. Melly (e Mus. reg. Berol. cum nomine supra indicato transmissus).

Genus PENTAPLATARTHUS.

*Pentaplatarthrus natalensis.*

*P. castaneo-nigricans*, elytris interdum cruce nigra notatis, antennis planis articulis clavæ subcontinuis (nec basi et apice constructis ut in *P. Paussoide*), prothoracis lateribus in medio angulatis.—Long. corp. lin. 4½.

*Hab.* apud Portum Natalensem Africæ meridionalis. In Mus. Westw. &c.

*Obs.* On a careful comparison I can detect no other characters to separate the somewhat larger Port Natal specimens recently arrived in this country from the typical specimen of *P. Paussoides* now in my collection. I have employed above the name given to these insects in the Royal Berlin collection, but scarcely consider them specifically distinct.

Genus PAUSSUS.

Sect. A. Prothorax quasi bipartitus.

Subsect. *a.* Antennarum clava postice haud excavata.

*Paussus sinicus*, Westw.

*P. subcylindricus* niger subopacus setis minutissimis griseis undique sparsis obsitus, elytrorum apice et angulo postico externo piceis, capite tuberculo obtuso inter oculos serieque quatuor minorum prope collum, antennarum clava angusta in medio angustiore apice clavato et supra seriebus duabus tuberculorum parvorum (in singula serie tribus) in

apicem insidentibus, prothorace bipartito: parte antica haud postica latiore: lateribus angulatis, palpis maxillaribus articulo 2<sup>do</sup> intus ad apicem acuminato-producto, labialibus articulo ultimo ovato-acuminato.—Long. corp. lin. 4.

*Hab.* prope Hong Kong. D. Bowring.

In Mus. Britann.

*Obs.* I have adopted the specific names proposed by Capt. Champion, for this and the two other species brought from Hong Kong by Mr. Bowring, and presented by him to the British Museum.

*Paussus granulatus*, Westw.

*P. luteo-fulvus* disco elytrorum magis rufescenti, podice piceo, capite inter oculos bi-impresso tuberculisque duobus excavatis instructo: angulis anticis supra basin antennarum productis, antennarum clava falcata apicē acutissimo setaque unica apicali instructo, palpis maxillaribus articulo 2<sup>do</sup> fere rotundato, capite subnitido gracillime cicatricoso, pronoto glabro; elytris opacis granulatis: singulo plaga longitudinali submembranacea grisea impresso, pedibus gracilibus; tibiis 2 posticis magis dilatatis.—Long. corp. lin. 3 $\frac{3}{4}$ .

*Hab.* in Africa meridionali, prope Portum Natalensem.

In Mus. D. Fortnum.

Subsect. *b.* Antennarum clava postice excavata.

\* Species Indicæ.

*Paussus politus*, Westw.

*P. fulvo-rufus*, pronoti lateribus posticis discoque elytrorum nigris, capite tuberculo conico parum elevato inter oculos, antennarum clava naviculari: margine antico fere recto: apice rotundato: margine postico excavato excavatione acuminato-ovali margine supero simplici infero 5-denticulato et 5-setoso, prothorace bipartito: parte postica antica haud latiori, elytris nitidis lævibus breviter setosis lateribus longius setosis, podice rufo setarum serie marginato, pedibus subgracilibus; basi femorum obscuriori.—Long. corp. lin. 3 $\frac{1}{2}$ .

*Hab.* in India orientali, D. Bacon. In Mus. Westw., &c.

*Obs.* Nearly allied to *P. ploiophorus* and *denticulatus*, but differs in the narrowed hind-part of the prothorax; also to *P. nauceras*, but differs in the glossy elytra and different shape of the antennæ.

*Paussus Bowringii*, Westw.

*P. niger nitidus*, clava antennarum parte pronoti antica elytrorumque basi lateribus apiceque ferrugineis, capite inter oculos tuberculo elevato quasi e tuberculis duobus minutis composito, antennarum clava lata margine antico acuto postico profunde fossulato: fossulæ margine supero recto infero 6-denticulato, pronoti partis anticæ lateribus acute angulatis: parte postica angustiori lateribus sinuatis, palporum

maxillarium articulo 2<sup>do</sup> lato subquadrato, elytris brevissime setosis lateribus setis longioribus densius obsitis.—Long. corp. lin.  $3\frac{1}{2}$ .

*Hab.* ad Hong Kong. D. Bowring.

In Mus. Britann.

*Paussus hystrix*, Westw.

*P.* obscure ferrugineus opacus, capite antice emarginato; vertice tuberculis duobus ovalibus elevatis, antennarum clava oblonga subovata postice excavatione oblonga instructa: hujus marginibus supero et infero sinuatis seu tuberculis rotundatis quinque instructis, prothorace capite paullo angustiori: parte postica antica parum angustiori: lateribus fere rectis, elytris lateribus rufo setosis: singulo ante medium disci impressione ovali alteraque elongata subcurvata laterali instructis, podice serie setarum marginato, pedibus angustis, palporum maxillarium articulo 2<sup>do</sup> fere rotundato.—Long. corp. lin.  $3\frac{1}{2}$ .

*Hab.* ad Hong Kong. D. Bowring.

In Mus. Britann.

\*\* Species Africanæ.

*Paussus cucullatus*.

*P.* totus castaneus subnitidus tenuissime punctatus, pronoto magis nitido lævi, capitis vertice impressione ovali marginibus elevatis in qua tubercula 2 parva ovalia exstant, antennarum clava glaberrima late ovali basi truncata postice profunde excavata intus prope marginem anticum necnon margines excavationis transverse impressa, prothoracis parte antica brevi lateribus acute angulatis: postica multo angustiori in medio profunde impressa, pedibus dilatatis, podice setarum serie marginato, palporum maxillarium articulo 2<sup>do</sup> lato rotundato.—Long. corp. lin. 2.

*Hab.* in Africa meridionali apud Portum Natalensem. In Mus. D. Melly cum nomine supra indicato e Mus. Reg. Berol. communicatus.

Sect. B. Prothorax subcontinuus.

*Paussus spinicoxis*, Westw.

*P.* angustus castaneo-testaceus, capite elytrisque tenuissime punctatis, capite tuberculo conico dorsali inter oculos armato, oculis magnis, antennarum clava subovali undique acute marginata punctata basi externe in dentem producto, disco utrinque versus marginem posticum 4-impresso, prothorace glabro subcontinuo angulis anticis rotundatis: parte antica a postica fossula profunda transversa utrinque setosa separata, elytris glabris, podice marginato punctato, palpibus maxillaribus subfiliformibus articulo 2<sup>do</sup> parum crassiori, pedibus gracilibus; coxis 2 posticis in spinam productis.—Long. corp. lin. 4.

*Hab.* in Africa meridionali apud Portum Natalensem.

In Mus. Britann.

*Paussus cultratus*.

*P.* totus testaceo-fulvus punctatus et breviter setosus, capite supra convexo integro angulis posticis pone oculos porrectis, clypeo emarginato,

antennis depressis late-falcatis apice acutissimis margine omni acuto glabris tenuiter punctatis, palpis maxillaribus filiformibus, prothorace ovali antice posticeque truncato in medio parum depresso glabro excavationibus duabus profundis subrotundatis in medio notato, pedibus subgracilibus; tibiis compressis et ante apicem sensim angustioribus, podice punctato setoso margine acuto elevato.—Long. corp. lin. 3.

*Hab.* in Africa meridionali apud Portum Natalensem. In Mus. D. Melly cum nomine supra indicato e Mus. Reg. Berol. communicatus.

*Paussus setosus*, Westw.

P. luteo-castaneus setis aureis obsitus, capite antennis pedibusque magis castaneis, capite inter oculos tuberculo elevato setigero instructo, clypeo vix emarginato, antennarum clava elongata lateribus parallelis margine omni acuto basi externe in dentem conicum apice setosum producto margine postico setarum curvatarum serie instructo, prothorace oblongo: parte antica parum latiori lateribus rotundatis: partis posticæ lateribus fere parallelis: in medio disci impressione profunda subquadrata, elytris profundius punctatis, podice setarum serie marginato, pedibus gracilibus longioribus.—Long. corp. lin.  $3\frac{3}{4}$ .

*Hab.* in Guinea.

In Mus. D. La Fertei.

Read also a continuation of Mr. Huxley's paper "On the Anatomy of the *Diphydæ*," &c.

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November 6.

William Yarrell, Esq., V.P., in the Chair.

The necessary business of the Meeting having been disposed of, it was proposed by the Vice-President in the Chair and unanimously resolved,

"That in consideration of the death of the late excellent and venerable President of the Society, the Lord Bishop of Norwich, and as a mark of respect to his Memory, this Meeting do now adjourn."

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